

MODULE VII
CORRECTIVE ACTION FOR SPILL SITES RESULTING FROM PERMITTEE OR
SUBCONTRACTOR ACTIVITIES

VII.A. APPLICABILITY

VII.A.1. This Module applies to spills of hazardous waste and hazardous constituents which, when spilled become hazardous waste. The spills applicable to this Module, associated with the TOCDF operations, have contacted or may contact soil, surface water, or groundwater, including a spill in a building or within a containment area that is broken, cracked, or otherwise cannot completely contain the spill. For spills contained within buildings or containment areas only, the spills must be cleaned up as outlined in Tooele Chemical Agent Disposal Facility (TOCDF) Standard Operating Procedures (SOPs) and are exempted from the provisions of this Module. This Module also applies in cases where chemical agent vapor is released to the open atmosphere and this release contaminates or may contaminate soils or outside structures as demonstrated by the D2Puff air model. All spill sites covered by this Module shall be managed in accordance with the following conditions.

VII.A.2. Immediate Response Actions

VII.A.2.a. The Permittee shall immediately take action needed to remove gross contamination associated with a spill, containerize excess waste, and prevent further releases and migration of gross contamination.

VII.A.3. Notification Requirements

VII.A.3.a. Within 24 hours of a spill, the Permittee shall notify the Executive Secretary. This notification shall include the following information: date and time of spill, location of the spill, amount and type of chemical spilled, and a summary of immediate response actions.

VII.A.3.b. Within 15 days of the spill, the Permittee shall submit to the Executive Secretary a written report which includes all information identified in VII.A.3.a, a summary of the quantity and disposition of waste generated during the immediate response action, and a schedule for submittal of an investigation, cleanup and sampling plan (Cleanup Plan) as described in Condition VII.A.4.

V.II.A.3.c If the proposed schedule described in Condition VII.A.3.b. is not acceptable, the Executive Secretary will notify the Permittee in writing within 15 days of receipt of the proposed plan and shall require the Permittee to provide a revised schedule for approval.

VII.A.4. Cleanup Plan

VII.A.4.a. The Permittee shall submit an investigation, cleanup and sampling plan (Cleanup Plan), for approval by the Executive Secretary, as outlined in the schedule described in Condition VII.A.3.b. The plan shall include a description of the spill, a map or drawing of the spill area, a summary of cleanup objectives, and a sampling plan to show how the cleanup objectives will be met. This plan shall also include a schedule for the identified activities. For instances where contaminants may remain in place, cleanup shall be consistent with the requirements of R315-101.

VII.A.4.b. Upon approval of this plan by the Executive Secretary, the Permittee shall execute the actions required by the approved plan and develop a report (Cleanup Report) detailing the cleanup actions. The Cleanup Report shall be submitted within 60 days of completion of the Cleanup Plan.

VII.A.5. **Cleanup Report**

VII.A.5.a. The Cleanup Report shall include a map showing sample locations, a report on sampling activities, a description of the samples taken, results of testing done on the samples, and a summary of analytical data quality.

VII.A.5.b. Within the Cleanup Report, the Permittee shall propose either no further action or include a site management plan consistent with the requirements of R315-101.

VII.A.5.c. Within 30 days of receipt of the Cleanup Report, the Executive Secretary will review the report to ensure the actions were executed in accordance with the approved plan, and will review the data for completeness and quality.

VII.A.5.d. If the approved plan was not properly implemented or the data quality is poor or incomplete, the Executive Secretary will detail the problems in writing and require the permittee to take additional action.

VII.A.5.e. If the data quality is found to be acceptable, the Executive Secretary will give written approval of the cleanup action.

VII.B. **STANDARD CONDITIONS**

VII.B.1. All raw data and other supporting information gathered or generated during activities undertaken pursuant to the Conditions in Module VII shall be maintained at the TOCDF during the effective term of this Permit.

VII.B.2. Each spill site addressed by this Module and resulting from the TOCDF Permittee or Subcontractor activity shall be listed in Table VII.1 of this Module. The Permittee shall place new spill sites resulting from spills, in Table VII.1. The Permittee shall update Table VII.1. with new spills, approved plans and approved reports by April 30, July 30, October 30, and January 30 of each year in accordance with modification procedures found in R315-3-4.3.

VII.B.3. The Cleanup Plans associated with the spills identified in Table VII.1, which occurred prior to issuance of this Permit, shall be submitted to the Executive Secretary within 180 days of the issuance date of this Permit.

Table VII.1. TOCDF Related Spill Sites				
Spill Date(s)	Location	Cleanup Plan Approval Date	Cleanup Report Approval Date	Comments
01/20/1997 07/23/1998 09/18/1998	90-Day Transfer Yard	Submitted “Cleanup Plans for TOCDF Spills Sites” 10/26/04		Brine spills; Sampling requirements will be addressed in facility closure plan.
02/16/1999	Between BRA Tanks and the PUB	Submitted “Cleanup Plans for TOCDF Spills Sites” 10/26/04		Brine spill; Sampling requirements will be addressed in facility closure plan.
04/13/2001 04/20/2001 05/16/2001	Emergency generator at the CAL	“Sampling Plan for CAL EGEN Diesel Spills” approved on 5/15/06		Fuel spills; Confirmation samples of soil are needed to confirm cleanup.
03/27/1997 09/02/1998 10/14/1998 10/23/1998	Tanker Loading Area, north of the PUB	Submitted “Cleanup Plans for TOCDF Spills Sites” 10/26/04		Brine spills; Sampling requirements will be addressed in facility closure plan.
02/13/2007	Brine Loading Station	Spill report submitted 2/27/2007		Brine spills; Sampling requirements will be addressed in facility closure plan.
06/18/1998	North of Entry Control Facility	Submitted “Cleanup Plans for TOCDF Spills Sites” 10/26/04		Brine spill; Sampling requirements will be addressed in facility closure plan.
12/28/1997 01/17/2007 01/27/2007	DFS ID fan Area	Submitted “Cleanup Plans for TOCDF Spills Sites” 10/26/04		PAS Condensate; Sampling requirements will be addressed in facility closure plan.
3/30/2006	MPF ID fan ductwork	Spill report submitted 4/11/06		PAS Condensate; Sampling requirements will be addressed in facility closure plan.
6/20/2006	LIC 1 ID fan	Spill report submitted 6/29/06		PAS Condensate; Sampling requirements will be addressed in facility closure plan.